

Refine Search

Search Results -

Terms	Documents
L10 or L9	20

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Thursday, November 08, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L11</u>	L10 or l9	20	<u>L11</u>
<u>L10</u>	aromatic dicarboxylic acid.ti. and 18	3	<u>L10</u>
<u>L9</u>	terephthalic acid.ti. and 18	17	<u>L9</u>
<u>L8</u>	L7 and acetic acid	100	<u>L8</u>
<u>L7</u>	L6 and crystal\$9	100	<u>L7</u>
<u>L6</u>	L5 and 562/\$	101	<u>L6</u>
<u>L5</u>	L4 and evaporat\$9 and (energy or internal enenrgy)	459	<u>L5</u>
<u>L4</u>	L3 and centrifug\$9	1561	<u>L4</u>
<u>L3</u>	L2 and hydrogen\$9	10908	<u>L3</u>
<u>L2</u>	terephthalic acid and oxygen and catalyst	13543	<u>L2</u>
<u>L1</u>	terephthalic acid and oxygen and catalyst	13543	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 1 through 10 of 20 returned.

1. Document ID: US 20070238899 A9

L11: Entry 1 of 20

File: PGPB

Oct 11, 2007

PGPUB-DOCUMENT-NUMBER: 20070238899
PGPUB-FILING-TYPE: us-republication-corrected
DOCUMENT-IDENTIFIER: US 20070238899 A9

TITLE: Optimized production of aromatic dicarboxylic acids

PUBLICATION-DATE: October 11, 2007

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20060047164 A1	March 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin; Robert	Kingsport	TN	US
de Vreede; Marcel	Barendrecht		NL

US-CL-CURRENT: 562/487

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn De](#)

2. Document ID: US 20070015935 A1

L11: Entry 2 of 20

File: PGPB

Jan 18, 2007

PGPUB-DOCUMENT-NUMBER: 20070015935
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20070015935 A1

TITLE: Method for producing high purity terephthalic acid

PUBLICATION-DATE: January 18, 2007

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fujita; Hideaki	Kurashiki-shi, Okayama		JP
Machida; Hiroshi	Kurashiki-shi, Okayama		JP
Namiki; Nobuo	Kurashiki-shi, Okayama		JP

Waguri; Yoshio

Kurashiki-shi, Okayama

JP

US-CL-CURRENT: 562/410; 562/486

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

3. Document ID: US 20060264666 A1

L11: Entry 3 of 20

File: PGPB

Nov 23, 2006

PGPUB-DOCUMENT-NUMBER: 20060264666

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060264666 A1

TITLE: Enriched terephthalic acid composition

PUBLICATION-DATE: November 23, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gibson; Philip Edward	Kingsport	TN	US
Parker; Kenny Randolph	Afton	TN	US
Sheppard; Ronald Buford	Kingsport	TN	US

US-CL-CURRENT: 562/485

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMTC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

4. Document ID: US 20060128987 A1

L11: Entry 4 of 20

File: PGPB

Jun 15, 2006

PGPUB-DOCUMENT-NUMBER: 20060128987

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060128987 A1

TITLE: Process for the oxidative purification of terephthalic acid

PUBLICATION-DATE: June 15, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sheppard; Ronald Buford	Kingsport	TN	US
Tennant; Brent Alan	Kingsport	TN	US
Woodruff; Thomas Earl	Kingsport	TN	US
Lin; Robert	Kingsport	TN	US
O'Meadhra; Ruairi Seosamh	Kingsport	TN	US

US-CL-CURRENT: 562/410

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

[] 5. Document ID: US 20060047165 A1

L11: Entry 5 of 20

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060047165

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060047165 A1

TITLE: Optimized production of aromatic dicarboxylic acids

PUBLICATION-DATE: March 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin; Robert	Kingsport	TN	US
Vreede; Marcel de	Barendrecht		NL

US-CL-CURRENT: 562/487

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

[] 6. Document ID: US 20060047164 A1

L11: Entry 6 of 20

File: PGPB

Mar 2, 2006

PGPUB-DOCUMENT-NUMBER: 20060047164

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060047164 A1

TITLE: Optimized production of aromatic dicarboxylic acids

PUBLICATION-DATE: March 2, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lin; Robert	Kingsport	TN	US
de Vreede; Marcel	Barendrecht		NL

US-CL-CURRENT: 562/487

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

[] 7. Document ID: US 20060014979 A1

L11: Entry 7 of 20

File: PGPB

Jan 19, 2006

PGPUB-DOCUMENT-NUMBER: 20060014979

PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060014979 A1

TITLE: Process for producing terephthalic acid

PUBLICATION-DATE: January 19, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Numata; Motoki	Kitakyusyu		JP
Isogai; Takayuki	Kitakyusyu		JP
Ogata; Tomohiko	Matsuyama		JP

US-CL-CURRENT: 562/410

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

□ 8. Document ID: US 20040110981 A1

L11: Entry 8 of 20

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110981
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040110981 A1

TITLE: Process for the oxidative purification of terephthalic acid

PUBLICATION-DATE: June 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Sheppard, Ronald Buford	Voorburg	TN	NL
Tennant, Brent Alan	Kingsport	TN	US
Woodruff, Thomas Earl	Kingsport	TN	US
Lin, Robert	Kingsport		US

US-CL-CURRENT: 562/486; 562/606

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Drawn D](#)

□ 9. Document ID: US 7262323 B2

L11: Entry 9 of 20

File: USPT

Aug 28, 2007

US-PAT-NO: 7262323
DOCUMENT-IDENTIFIER: US 7262323 B2

TITLE: Method for producing high purity terephthalic acid

PRIOR-PUBLICATION:

DOC-ID
US 20070015935 A1

DATE
January 18, 2007

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Advanced Search](#) [Claims](#) [KMC](#) [Drawn](#) [Des](#)

10. Document ID: US 7161027 B2

L11: Entry 10 of 20

File: USPT

Jan 9, 2007

US-PAT-NO: 7161027

DOCUMENT-IDENTIFIER: US 7161027 B2

TITLE: Process for the oxidative purification of terephthalic acid

PRIOR-PUBLICATION:

DOC-ID
US 20040110981 A1

DATE
June 10, 2004

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Advanced Search](#) [Claims](#) [KMC](#) [Drawn](#) [Des](#)

[Clear](#)

[Generate Collection](#)

[Print](#)

[Fwd Refs](#)

[Bkwd Refs](#)

[Generate OACS](#)

Terms	Documents
L10 or L9	20

Display Format:

[Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Hit List

[First Hit](#) [Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)
[Generate OACS](#)

Search Results - Record(s) 11 through 20 of 20 returned.

□ 11. Document ID: US 6307099 B1

L11: Entry 11 of 20

File: USPT

Oct 23, 2001

US-PAT-NO: 6307099

DOCUMENT-IDENTIFIER: US 6307099 B1

TITLE: Production of terephthalic acid

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw](#) De

□ 12. Document ID: US 5877346 A

L11: Entry 12 of 20

File: USPT

Mar 2, 1999

US-PAT-NO: 5877346

DOCUMENT-IDENTIFIER: US 5877346 A

TITLE: Process for the production of terephthalic acid

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw](#) De

□ 13. Document ID: US 5705682 A

L11: Entry 13 of 20

File: USPT

Jan 6, 1998

US-PAT-NO: 5705682

DOCUMENT-IDENTIFIER: US 5705682 A

TITLE: Process for producing highly pure terephthalic acid

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Draw](#) De

□ 14. Document ID: US 5567842 A

L11: Entry 14 of 20

File: USPT

Oct 22, 1996

US-PAT-NO: 5567842

DOCUMENT-IDENTIFIER: US 5567842 A

** See image for Certificate of Correction **

TITLE: Process for producing terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Print	Claims	KM/C	Draw	Des
------	-------	----------	-------	--------	----------------	------	-----------	--------	-------	--------	------	------	-----

□ 15. Document ID: US 5563293 A

L11: Entry 15 of 20

File: USPT

Oct 8, 1996

US-PAT-NO: 5563293

DOCUMENT-IDENTIFIER: US 5563293 A

TITLE: Process for the production of terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Print	Claims	KM/C	Draw	Des
------	-------	----------	-------	--------	----------------	------	-----------	--------	-------	--------	------	------	-----

□ 16. Document ID: US 5527957 A

L11: Entry 16 of 20

File: USPT

Jun 18, 1996

US-PAT-NO: 5527957

DOCUMENT-IDENTIFIER: US 5527957 A

TITLE: Process for the production of terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Print	Claims	KM/C	Draw	Des
------	-------	----------	-------	--------	----------------	------	-----------	--------	-------	--------	------	------	-----

□ 17. Document ID: US 4772748 A

L11: Entry 17 of 20

File: USPT

Sep 20, 1988

US-PAT-NO: 4772748

DOCUMENT-IDENTIFIER: US 4772748 A

TITLE: Process for producing highly pure terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Print	Claims	KM/C	Draw	Des
------	-------	----------	-------	--------	----------------	------	-----------	--------	-------	--------	------	------	-----

□ 18. Document ID: US 4438279 A

L11: Entry 18 of 20

File: USPT

Mar 20, 1984

US-PAT-NO: 4438279

DOCUMENT-IDENTIFIER: US 4438279 A

TITLE: Fiber-grade terephthalic acid recovered from the effluent from paraxylene oxidation in acetic acid and the catalytic hydrogenation of the oxidation effluent in the presence of metallic platinum family metals

Full	Title	Citation	Front	Review	Classification	Date	Reference	Search	Print	Claims	KM/C	Draw	Des
------	-------	----------	-------	--------	----------------	------	-----------	--------	-------	--------	------	------	-----

19. Document ID: US 4302595 A

L11: Entry 19 of 20

File: USPT

Nov 24, 1981

US-PAT-NO: 4302595

DOCUMENT-IDENTIFIER: US 4302595 A

TITLE: Process for the preparation of terephthalic acid by the hydrolysis of intermediate stage crude dimethyl terephthalate

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequence](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Draw. De](#)

20. Document ID: US 4241220 A

L11: Entry 20 of 20

File: USPT

Dec 23, 1980

US-PAT-NO: 4241220

DOCUMENT-IDENTIFIER: US 4241220 A

TITLE: Process for producing terephthalic acid

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequence](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Draw. De](#)[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Terms	Documents
L10 or L9	20

Display Format: [-] [Change Format](#)

[Previous Page](#)[Next Page](#)[Go to Doc#](#)